The Claims

1-12. (Canceled).

13. (Previously presented) One or more computer storage media having stored thereon a plurality of instructions that, when executed by a transformation engine comprising a series of instructions executed by one or more processors, causes the transformation engine to:

access a plurality of constructs in an application programming interface description, wherein the description is written in an extensible markup language (XML) format; and

transform each of the plurality of constructs into computer executable instructions and declarations for a component object module (COM) application programming interface header file, wherein to transform one or more of the plurality of constructs is to:

check an attribute of a declare enumeration construct of the plurality of constructs to determine whether the declare enumeration construct is to be transformed into a series of manifest constants or into a component object model enumeration declaration; and

transform the declare enumeration construct into the component object model enumeration declaration if the attribute has a first value, and otherwise transform the declare enumeration construct into the series of manifest constants.

14-17. (Canceled).

18. (Currently amended) One or more computer ~~readable~~ <u>storage</u> media as recited in claim 13, wherein the plurality of instructions include instructions to transform a declare function construct into a component object model function declaration.

19. (Currently amended) One or more computer ~~readable~~ <u>storage</u> media as recited in claim 13, wherein the plurality of instructions include instructions to transform a declare class object construct into a component object model class object ID declaration.

20. (Currently amended) One or more computer ~~readable~~ <u>storage</u> media as recited in claim 13, wherein the plurality of instructions include instructions to transform a declare interface construct into a component object model forward class declaration.

21. (Currently amended) One or more computer ~~readable~~ <u>storage</u> media as recited in claim 13, wherein the plurality of instructions include instructions to transform a declare data structure construct into a component object model data structure declaration.

22. (Currently amended) One or more computer ~~readable~~ storage media as recited in claim 13, wherein the plurality of instructions include instructions to transform a declare macro construct into a component object model manifest constant.

23-47. (Canceled).

48. (Currently amended) One or more computer ~~readable~~ storage media as recited in claim 13, wherein the COM application programming interface header file comprises a C/C++ header file.

49. (Previously presented) A method, implemented in a computing device, the method comprising:

accessing a plurality of constructs in an application programming interface description, wherein the description is written in an extensible markup language (XML) format; and

transforming each of the plurality of constructs into computer executable instructions and declarations for a component object module (COM) application programming interface header file, wherein transforming one or more of the plurality of constructs comprises:

checking an attribute of a declare enumeration construct of the plurality of constructs to determine whether the declare enumeration construct is to be transformed into a series of manifest constants or into a component object model enumeration declaration; and

transforming the declare enumeration construct into the component object model enumeration declaration if the attribute has a first value, and otherwise transforming the declare enumeration construct into the series of manifest constants.

50.   (Previously presented) A method as recited in claim 49, wherein transforming at least one of the plurality of constructs comprises transforming a declare function construct into a component object model function declaration.

51.   (Previously presented) A method as recited in claim 49, wherein transforming at least one of the plurality of constructs comprises transforming a declare class object construct into a component object model class object ID declaration.

52.   (Previously presented) A method as recited in claim 49, wherein transforming at least one of the plurality of constructs comprises transforming a declare interface construct into a component object model forward class declaration.

53.   (Previously presented) A method as recited in claim 49, wherein transforming at least one of the plurality of constructs comprises transforming a declare data structure construct into a component object model data structure declaration.

54. (Previously presented) A method as recited in claim 49, wherein transforming at least one of the plurality of constructs comprises transforming a declare macro construct into a component object model manifest constant.

55. (Previously presented) A computing device comprising:

a processor; and

one or more computer storage media having stored thereon instructions that, when executed by the processor, cause the processor to:

access a plurality of constructs in an application programming interface description, wherein the description is written in an extensible markup language (XML) format; and

transform each of the plurality of constructs into computer executable instructions and declarations for a component object module (COM) application programming interface header file, wherein to transform one or more of the plurality of constructs is to:

check an attribute of a declare enumeration construct of the plurality of constructs to determine whether the declare enumeration construct is to be transformed into a series of manifest constants or into a component object model enumeration declaration; and

transform the declare enumeration construct into the component object model enumeration declaration if the attribute has a first value, and otherwise transform the declare enumeration construct into the series of manifest constants.

56.   (Previously presented)   A computing device as recited in claim 55, wherein the instructions include instructions to transform a declare function construct into a component object model function declaration.

57.   (Previously presented)   A computing device as recited in claim 55, wherein the instructions include instructions to transform a declare class object construct into a component object model class object ID declaration.

58.   (Previously presented)   A computing device as recited in claim 55, wherein the instructions include instructions to transform a declare interface construct into a component object model forward class declaration.

59.   (Previously presented)   A computing device as recited in claim 55, wherein the instructions include instructions to transform a declare data structure construct into a component object model data structure declaration.

60.   (Previously presented)   A computing device as recited in claim 55, wherein the instructions include instructions to transform a declare macro construct into a component object model manifest constant.